

opened and transferred, a qualified Health and Safety Specialist will be monitoring for Volatile Organic Compounds and radioactivity using appropriate monitoring instruments. In addition, an Activity Hazard Analysis has been prepared which identifies hazards and the controls used to mitigate the hazards.

### 3.1 SAMPLING PROCEDURE

6/24/99  
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The sampling procedure (Appendix 1) for this evolution is described in FO 20, Sampling Environmental Media Containers. A controlled copy of this document will be present while sampling is being performed. These efforts will ensure that the final samples will be representative of the entire volume of soil. Five samples will be taken from each drum in different locations. The five samples will be collected for analysis for radionuclides. For metals, semivolatiles and PCBs (Appendix 1), the five samples will be composited in accordance with CAS-SOP 003. The locations have been pre-determined by using random numbers generated from Excel random number tables (Appendix 2). Additionally, a volatile sample will be taken from the center of the drum. All samples will be handled in accordance with CAS-SOP 003, Sampling for Waste Characterization. All samples will be shipped to an off-site laboratory for analysis. DOT Alpha/beta screens must be performed to support off-site shipment.

The stainless steel equipment used will be decontaminated in accordance with FO 03, General Equipment Decontamination, Section 5.3.1, Cleaning Steel or Metal Sampling Equipment Without Steam in the Field, prior to and after use. All sampling equipment will be decontaminated after each sample is taken.

### 4.0 SAMPLE DESIGNATION

The K-H Analytical Projects Office will assign a unique Report Identification Number (RIN) for this project. The RIN will be the first part of the sample number. Following the RIN, the project will assign a unique event and bottle number to the samples. These numbers will be recorded on the container sampling form specified in Appendix 1 of FO 20, Sampling of Environmental Media Containers.

### 5.0 WASTE MANAGEMENT

#### 5.1 Waste Management



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